



Welcome to the AB 758 Workshop on the Comprehensive Energy Efficiency Program For Existing Buildings

California Energy Commission
Tuesday, October 9, 2012



Comprehensive Energy Efficiency Program For Existing Buildings

AB 758 Workshop
October 8-9, 2012

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Introduction

- o AB 758 Activities to Date
- o Program Phases
- o Today's Agenda
- o Next Steps
- o Housekeeping



AB 758 Activities to Date

- ARRA Pilots (2009 – ongoing)
 - Influx of funding to pilot AB 758 program components
 - Regional focused comprehensive programs under Energy Upgrade California brand
 - Targeted nonresidential programs
 - Financing programs



AB 758 Program Phases

- **Phase I** – Program Development and Action Plan
- **Phase II** – Market Development and Partnerships
- **Phase III** – Widespread Program Deployment and Upgrade Requirements



AB 758 Phase I

- Scoping Report
 - Critical issues to be addressed to obtain deeper upgrades and options for addressing them
 - Stakeholder input to identify options and refine needs
- Action Plan
 - Define major goals and strategies for AB 758 program
 - Articulate proposed solutions to achieve efficiency goals
 - Establish a road map for implementation of the program



Next Steps

- Written Comments are due Oct 23 to the CEC
- Draft Action Plan by end of Calendar year
- Draft Action Plan workshops
- Action Plan adopted by March 2013
- Action Plan coordinated with CPUC planning for IOU direction in 2015-17 IOU programs



Workshop Agenda

- **Monday**

- Summary of Scoping Report
- Panels focused on Residential Sector
- Questions and Comments

- **Tuesday**

- Market Characterization and Program Goals
- Panels focused on Data Collection and Non-Residential
- Questions and Comments



Housekeeping

- Restrooms
- Snack Bar
- Emergency Exits



QUESTIONS AND COMMENTS



BREAK



Day 2, Panel 1 Questions

19. What can be learned from the California Solar Initiative (CSI) online database experience that can be extended to energy efficiency upgrades?
20. What are the major barriers to accomplishing comprehensive data collection and centralized public access to market data?
21. What safeguards exist for protecting consumer information while still allowing access to data?
22. What options exist to collect pertinent energy savings and market characterization data without collecting personal and business sensitive data?
23. What emerging initiatives hold promise to utilize smart meter data to inform decision making by homeowners/business owners/contractors/financers?



LUNCH



Day 2, Panel 2 Questions

24. How can energy performance tools be used successfully in the multitude of nonresidential business markets in the state? Can these tools be cost-effectively deployed in small and medium buildings?
25. What is the proper role of public and ratepayer funded programs to increase the access to, and penetration of, energy performance tools for nonresidential buildings?
26. Is it appropriate to require performance ratings for all nonresidential buildings sometime in the future? Should building performance ratings be publicly disclosed?
27. Is it appropriate to require monitoring equipment in certain types and/or sizes of nonresidential buildings to improve the persistence of public and ratepayer funded efficiency improvements?



BREAK



Day 2, Panel 3 Questions

28. How can whole building upgrade programs be encouraged in the nonresidential sector? Should advanced upgrades for specific equipment (e.g., advanced lighting or HVAC controls) be considered “whole building?” What should the criteria be for considering a program “whole building?”
29. Given the diversity of nonresidential businesses and buildings, which energy saving strategies, tools and implementation approaches can be applied across the diversity? What are the conditions that will necessitate unique program elements to improve the efficiency of specific sectors of the nonresidential building market?
30. What workforce development is needed to meet the efficiency goals in nonresidential buildings? How can workforce development be better integrated with the delivery of energy efficiency upgrades?
31. What barriers are there to achieving upgrades in small nonresidential buildings (less than 25,000 square feet)? What strategies exist for overcoming the split-incentive barrier in small nonresidential buildings, such as when building owners pay for the energy efficiency improvements but the benefits accrue to the tenants? What community or business organizations can serve as partners for overcoming the barriers in achieving upgrades for small nonresidential buildings?
32. What role should continuous commissioning play in nonresidential building upgrade programs?



CLOSING REMARKS



Thank You
for
Your Participation
Today